



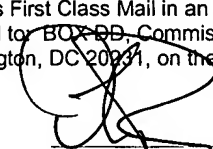
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January 30, 2004

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to <u>BOX DD, Commissioner for Patents, Washington, DC 20231</u> , on the date below:	
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Date	David L. Parker

**BOX DD**

Commissioner for Patents  
Washington, DC 20231

RE: *U.S. Patent Application No. 10/010,081 entitled "METHODS AND COMPOSITIONS RELATING TO IMPROVED LENTIVIRAL VECTORS AND THEIR APPLICATIONS" – Didier Trono and Patrick Salmon*  
*Our reference: CLFR:010US*


Sir:

Enclosed for filing in the above-referenced patent application is a Supplemental Information Disclosure Statement, Form PTO-1449, and references A26-A35, B9, and C50-C235.

No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/CLFR:010US.

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Respectfully submitted,

  
David L. Parker  
Reg. No. 32,165

DLP/kmv  
Encl.: as noted  
25377858.1



**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of:

Didier Trono  
Patrick Salmon

Group Art Unit: 1642

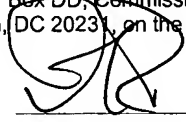
Examiner: Unknown

Serial No.: 10/010,081

Atty. Dkt. No.: CLFR:010US

Filed: November 9, 2001

For: METHODS AND COMPOSITIONS  
RELATING TO IMPROVED  
LENTIVIRAL VECTORS AND THEIR  
APPLICATIONS

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**MS DD**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

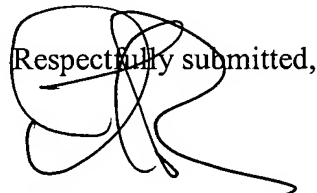
Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner. This application is related by inventors and subject matter to Serial No. 10/209,952, Serial No. 10/261,078, and Provisional Serial No. 60/375,654.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Supplemental Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/CLFR:010US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,  


David L. Parker  
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Attorney for Applicants

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Date: January 30, 2004

Form PTO-1449 (modified)

Atty. Docket No.

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## INFORMATION DISCLOSURE STATEMENT

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Applicant

Didier Trono

Patrick Salmon

Filing Date:

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A26	4,682,195	7/21/87	Yilmaz	357	23.4	9/30/85
	A27	4,683,202	7/28/87	Mullis	435	91	10/25/85
	A28	5,466,468	11/14/95	Schneider <i>et al.</i>	424	450	10/28/94
	A29	5,645,897	7/8/97	Andra	427	526	1/30/93
	A30	5,705,629	1/6/98	Bhongle	536	25.34	10/20/95
	A31	5,846,225	12/8/98	Rosengart <i>et al.</i>	604	115	2/19/97
	A32	5,846,233	12/8/98	Lilley <i>et al.</i>	604	414	1/9/97
	A33	5,925,565	7/20/99	Berlioz <i>et al.</i>	435	325	7/5/95
	A34	5,928,906	7/27/99	Koster <i>et al.</i>	435	91.2	5/9/96
	A35	5,935,819	8/10/99	Eichner <i>et al.</i>	435	69.4	1/2/97

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B9	EP 0266032	5/4/88	Europe			

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C50	Almendro <i>et al.</i> , "Cloning of the human platelet endothelial cell adhesion molecule-1 promoter and its tissue-specific expression. Structural and functional characterization," <i>J. Immunol.</i> , 157(12):5411-5421, 1996.
	C51	Angel <i>et al.</i> , "12-0-tetradecanoyl-phorbol-13-acetate Induction of the Human Collagenase Gene is Mediated by an Inducible Enhancer Element Located in the 5' Flanking Region," <i>Mol. Cell. Biol.</i> , 7:2256-2266, 1987.
	C52	Angel <i>et al.</i> , "Phorbol Ester-Inducible Genes Contain a Common cis Element Recognized by a TPA-Modulated Trans-acting Factor," <i>Cell</i> , 49:729-739, 1987.

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See Page 1

See Page 1

See Page 1

**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C53	Atchison and Perry, "Tandem Kappa Immunoglobulin Promoters are Equally Active in the Presence of the Kappa Enhancer: Implications for Model of Enhancer Function," <i>Cell</i> , 46:253-262, 1986.
	C54	Atchison and Perry, "The Role of the $\kappa$ Enhancer and its Binding Factor NF- $\kappa$ B in the Developmental Regulation of $\kappa$ Gene Transcription," <i>Cell</i> , 48:121-128, 1987.
	C55	Banerji <i>et al.</i> , "A lymphocyte-specific cellular enhancer is located downstream of the joining region in immunoglobulin heavy-chain genes," <i>Cell</i> , 35:729-740, 1983.
	C56	Banerji <i>et al.</i> , "Expression of a Beta-Globin Gene is Enhanced by Remote SV40 DNA Sequences," <i>Cell</i> , 27:299-308, 1981.
	C57	Bodine and Ley, "An enhancer element lies 3' to the human $\alpha$ $\gamma$ globin gene," <i>EMBO J.</i> , 6:2997-3004, 1987.
	C58	Boshart <i>et al.</i> , "A very strong enhancer is located upstream of an immediate early gene of human cytomegalovirus," <i>Cell</i> , 41:521-530, 1985.
	C59	Bösze <i>et al.</i> , "A transcriptional enhancer with specificity for erythroid cells is located in the long terminal repeat of the friend murine leukemia virus," <i>EMBO J.</i> , 5:1615-1623, 1986.
	C60	Braddock <i>et al.</i> , "HIV-I Tat activates presynthesized RNA in the nucleus," <i>Cell</i> , 58:269-279, 1989.
	C61	Bray <i>et al.</i> , "A small element from the Mason-Pfizer monkey virus genome makes human immunodeficiency virus type 1 expression and replication Rev-independent," <i>Proc. Natl. Acad. Sci. USA</i> , 91:1256-1260, 1994.
	C62	Bulla and Siddiqui, "The hepatitis B virus enhancer modulates transcription of the hepatitis B virus surface-antigen gene from an internal location," <i>J. Virol.</i> , 62:1437-1441, 1988.
	C63	Campbell and Villarreal, "Functional analysis of the individual enhancer core sequences of polyomavirus: cell-specific uncoupling of DNA replication from transcription," <i>Mol. Cell. Biol.</i> , 8:1993-2004, 1988.
	C64	Camper and Tilghman, "Postnatal repression of the $\alpha$ -fetoprotein gene is enhancer independent," <i>Genes and Dev.</i> , 3:537-546, 1989.
	C65	Campo <i>et al.</i> , "Transcriptional control signals in the genome of bovine papilloma virus type 1," <i>Nature</i> , 303:77-80, 1983.

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10/010,081

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See Page 1

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C66	Celander and Haseltine, "Glucocorticoid Regulation of Murine Leukemia Virus Transcription Elements is Specified by Determinants Within the Viral Enhancer Region," <i>J. Virology</i> , 61:269-275, 1987.
	C67	Celander <i>et al.</i> , "Regulatory Elements Within the Murine Leukemia Virus Enhancer Regions Mediate Glucocorticoid Responsiveness," <i>J. Virology</i> , 62:1314-1322, 1988.
	C68	Chandler <i>et al.</i> , "DNA Sequences Bound Specifically by Glucocorticoid Receptor in vitro Render a Heterologous Promoter Hormone Responsive in vivo," <i>Cell</i> , 33:489-499, 1983.
	C69	Chang <i>et al.</i> , "Glucose-regulated Protein (GRP94 and GRP78) Genes Share Common Regulatory Domains and are Coordinately Regulated by Common Trans-acting Factors," <i>Mol. Cell. Biol.</i> , 9:2153-2162, 1989.
	C70	Charneau <i>et al.</i> , "HIV-1 reverse transcription: a termination step at the center of the genome," <i>J. Mol. Biol.</i> 241:651-662, 1994.
	C71	Chatterjee <i>et al.</i> , "Negative Regulation of the Thyroid-Stimulating Hormone Alpha Gene by Thyroid Hormone: Receptor Interaction Adjacent to the TATA Box," <i>Proc Natl. Acad Sci. U.S.A.</i> , 86:9114-9118, 1989.
	C72	Chen and Okayama, "High-efficiency transformation of mammalian cells by plasmid DNA," <i>Mol. Cell. Biol.</i> , 7:2745-2752, 1987
	C73	Choi <i>et al.</i> , "An altered pattern of cross-resistance in multi-drug-resistant human cells results from spontaneous mutations in the <i>mdr-1</i> (p-glycoprotein) gene," <i>Cell</i> , 53:519-529, 1988.
	C74	Cohen <i>et al.</i> , "A Repetitive Sequence Element 3' of the Human c-Ha-ras1 Gene Has Enhancer Activity," <i>J. Cell. Physiol. Suppl.</i> , 5:75-81, 1987.
	C75	Costa <i>et al.</i> , "The Cell-Specific Enhancer of the Mouse Transthyretin (Prealbumin) Gene Binds a Common Factor at One Site and a Liver-Specific Factor(s) at Two Other Sites," <i>Mol. Cell. Biol.</i> , 8:81-90, 1988.
	C76	Cripe <i>et al.</i> , "Transcriptional Regulation of the Human Papilloma Virus-16 E6-E7 Promoter by a Keratinocyte-Dependent Enhancer, and by Viral E2 Trans-Activator and Repressor Gene Products: Implications for Cervical Carcinogenesis," <i>EMBO J.</i> , 6:3745-3753, 1987.
	C77	Culotta and Hamer, "Fine Mapping of a Mouse Metallothionein Gene Metal-Response Element," <i>Mol. Cell. Biol.</i> , 9:1376-1380, 1989.

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C78	Dandolo <i>et al.</i> , "Regulation of Polyoma Virus Transcription in Murine Embryonal Carcinoma Cells," <i>J. Virology</i> , 47:55-64, 1983.
	C79	Das <i>et al.</i> , "A conserved hairpin motif in the R-U5 region of the human immunodeficiency virus type 1 RNA genome is essential for replication," <i>J. Virol.</i> 71:2346-2356, 1997.
	C80	De Villiers <i>et al.</i> , "Polyoma Virus DNA Replication Requires an Enhancer," <i>Nature</i> , 312:242-246, 1984.
	C81	Deschamps <i>et al.</i> , "Identification of a Transcriptional Enhancer Element Upstream From the Proto-Oncogene Fos," <i>Science</i> , 230:1174-1177, 1985.
	C82	Edbrooke <i>et al.</i> , "Identification of cis-acting sequences responsible for phorbol ester induction of human serum amyloid a gene expression via a nuclear-factor-kappa $\beta$ -like transcription factor," <i>Mol. Cell. Biol.</i> , 9:1908-1916, 1989.
	C83	Edlund <i>et al.</i> , "Cell-specific expression of the rat insulin gene: evidence for role of two distinct 5' flanking elements," <i>Science</i> , 230:912-916, 1985.
	C84	Fechheimer <i>et al.</i> , "Transfection of mammalian cells with plasmid DNA by scrape loading and sonication loading," <i>Proc Nat'l. Acad. Sci. USA</i> 84:8463-8467, 1987.
	C85	Firak and Subramanian, "Minimal Transcription Enhancer of Simian Virus 40 is a 74-Base-Pair Sequence that Has Interacting Domains," <i>Mol. Cell. Biol.</i> , 6:3667-3676, 1986.
	C86	Foecking and Hofstetter, "Powerful and Versatile Enhancer-Promoter Unit for Mammalian Expression Vectors," <i>Gene</i> , 45(1):101-105, 1986.
	C87	Froehler <i>et al.</i> , "Synthesis of DNA via deoxynucleoside H-phosphonate intermediates." <i>Nuc. Acids Res.</i> 14:5399-5407, 1986.
	C88	Fujita <i>et al.</i> , "Interferon- $\beta$ Gene Regulation: Tandemly Repeated Sequences of a Synthetic 6-bp Oligomer Function as a Virus-Inducible Enhancer," <i>Cell</i> , 49:357-367, 1987.
	C89	GenBank Accession Number AF105229.
	C90	GenBank Accession Number M66390.
	C91	GenBank Accession Number M82856.
	C92	GenBank Accession Number NM_000397.

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C93	Gilles <i>et al.</i> , "A tissue-specific transcription enhancer element is located in the major intron of a rearranged immunoglobulin heavy-chain gene," <i>Cell</i> , 33:717-728, 1983.
	C94	Gloss <i>et al.</i> , "The Upstream Regulatory Region of the Human Papilloma Virus-16 Contains an E2 Protein-Independent Enhancer Which is Specific for Cervical Carcinoma Cells and Regulated by Glucocorticoid Hormones," <i>EMBO J.</i> , 6:3735-3743, 1987.
	C95	Godbout <i>et al.</i> , "Fine-Structure Mapping of the Three Mouse Alpha-Fetoprotein Gene Enhancers," <i>Mol. Cell. Biol.</i> , 8:1169-1178, 1988.
	C96	Goodbourn and Maniatis, "Overlapping Positive and Negative Regulatory Domains of the Human $\beta$ -Interferon Gene," <i>Proc. Natl. Acad. Sci. USA</i> , 85:1447-1451, 1988.
	C97	Goodbourn <i>et al.</i> , "The Human Beta-Interferon Gene Enhancer is Under Negative Control," <i>Cell</i> , 45:601-610, 1986.
	C98	Gopal, "Gene transfer method for transient gene expression, stable transformation, and cotransformation of suspension cell cultures," <i>Mol. Cell. Biol.</i> 5:1188-1190, 1985.
	C99	Graham and Van Der Eb, "A new technique for the assay of infectivity of human adenovirus 5 DNA," <i>Virology</i> , 52:456-467, 1973.
	C100	Greco and Dachs, "Gene directed enzyme/prodrug therapy of cancer: historical appraisal and future perspectives," <i>J. Cell. Phys.</i> , 187: 22-36, 2001.
	C101	Greene <i>et al.</i> , "HIV-1, and Normal T-Cell Growth: Transcriptional Strategies and Surprises," <i>Immunology Today</i> , 10:272-278, 1989.
	C102	Grosschedl and Baltimore, "Cell-Type Specificity of Immunoglobulin Gene Expression is Regulated by at Least Three DNA Sequence Elements," <i>Cell</i> , 41:885-897, 1985.
	C103	Haslinger and Karin, "Upstream Promoter Element of the Human Metallothionein-II Gene Can Act Like an Enhancer Element," <i>Proc Natl. Acad. Sci. U.S.A.</i> , 82:8572-8576, 1985.
	C104	Hauber and Cullen, "Mutational Analysis of the Trans-Activation-Responsive Region of the Human Immunodeficiency Virus Type I Long Terminal Repeat," <i>J. Virology</i> , 62:673-679, 1988.
	C105	Hen <i>et al.</i> , "A Mutated Polyoma Virus Enhancer Which is Active in Undifferentiated Embryonal Carcinoma Cells is not Repressed by Adenovirus-2 E1A Products," <i>Nature</i> , 321:249-251, 1986.

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C106	Hensel <i>et al.</i> , "PMA-Responsive 5' Flanking Sequences of the Human TNF Gene," <i>Lymphokine Res.</i> , 8:347-351, 1989.
	C107	Herr and Clarke, "The SV40 Enhancer is Composed of Multiple Functional Elements That Can Compensate for One Another," <i>Cell</i> , 45:461-470, 1986.
	C108	Hickstein <i>et al.</i> , "Identification of the promoter of the myelomonocytic leukocyte integrin CD11b," <i>Proc. Natl. Acad. Sci. USA</i> , 89:2105-2109, 1992.
	C109	Hirochika <i>et al.</i> , "Enhancers and Trans-Acting E2 Transcriptional Factors of Papilloma Viruses," <i>J. Virol.</i> , 61:2599-2606, 1987.
	C110	Hirsch <i>et al.</i> , "Identification of Positive and Negative Regulatory Elements Governing Cell-Type-Specific Expression of the Neural-Cell-Adhesion-Molecule Gene," <i>Mol. Cell. Biol.</i> , 10:1959-1968, 1990.
	C111	Holbrook <i>et al.</i> , "cis-Acting Transcriptional Regulatory Sequences in the Gibbon Ape Leukemia Virus (GALV) Long Terminal Repeat," <i>Virology</i> , 157:211-219, 1987.
	C112	Horlick and Benfield, "The upstream muscle-specific enhancer of the rat muscle creatine kinase gene is composed of multiple elements," <i>Mol. Cell. Biol.</i> , 9:2396-2413, 1989.
	C113	Hou <i>et al.</i> , "Regulatory elements and transcription factors controlling basal and cytokine-induced expression of the gene encoding intercellular adhesion molecule 1," <i>Proc. Natl. Acad. Sci. USA</i> , 91:11641-11645, 1994.
	C114	Huang <i>et al.</i> , "Glucocorticoid regulation of the ha-musv p21 gene conferred by sequences from mouse mammary tumor virus," <i>Cell</i> , 27:245-255, 1981.
	C115	Hug <i>et al.</i> , "Organization of the Murine Mx Gene and Characterization of its Interferon- and Virus-Inducible Promoter," <i>Mol. Cell. Biol.</i> , 8:3065-3079, 1988.
	C116	Hwang <i>et al.</i> , "Characterization of the S-Phase-Specific Transcription Regulatory Elements in a DNA-Replication-Independent Testis-Specific H2B (TH2B) Histone Gene," <i>Mol. Cell. Biol.</i> , 10:585-592, 1990.
	C117	Imagawa <i>et al.</i> , "Transcription Factor AP-2 Mediates Induction by Two Different Signal-Transduction Pathways: Protein Kinase C and cAMP," <i>Cell</i> , 51:251-260, 1987.
	C118	Imbra and Karin, "Phorbol Ester Induces the Transcriptional Stimulatory Activity of the SV40 Enhancer," <i>Nature</i> , 323:555-558, 1986.

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	C119	Imler <i>et al.</i> , "Negative Regulation Contributes to Tissue Specificity of the Immunoglobulin Heavy-Chain Enhancer," <i>Mol. Cell. Biol.</i> , 7:2558-2567, 1987.
	C120	Imperiale and Nevins, "Adenovirus 5 E2 Transcription Unit: an E1A-Inducible Promoter with an Essential Element that Functions Independently of Position or Orientation," <i>Mol. Cell. Biol.</i> , 4:875-882, 1984.
	C121	Jakobovits <i>et al.</i> , "A Discrete Element 3' of Human Immunodeficiency Virus 1 (HIV-1) and HIV-2 mRNA Initiation Sites Mediates Transcriptional Activation by an HIV Trans-Activator," <i>Mol. Cell. Biol.</i> , 8:2555-2561, 1988.
	C122	Jameel and Siddiqui, "The Human Hepatitis B Virus Enhancer Requires Transacting Cellular Factor(s) for Activity," <i>Mol. Cell. Biol.</i> , 6:710-715, 1986.
	C123	Jaynes <i>et al.</i> , "The Muscle Creatine Kinase Gene is Regulated by Multiple Upstream Elements, Including a Muscle-Specific Enhancer," <i>Mol. Cell. Biol.</i> , 8:62-70, 1988.
	C124	Johnson <i>et al.</i> , "Muscle creatine kinase sequence elements regulating skeletal and cardiac muscle expression in transgenic mice," <i>Mol. Cell. Biol.</i> , 9:3393-3399, 1989.
	C125	Kadesch and Berg, "Effects of the Position of the Simian Virus 40 Enhancer on Expression of Multiple Transcription Units in a Single Plasmid," <i>Mol. Cell. Biol.</i> , 6:2593-2601, 1986.
	C126	Karin <i>et al.</i> , "Metal-Responsive Elements Act as Positive Modulators of Human Metallothionein-IIA Enhancer Activity," <i>Mol. Cell. Biol.</i> , 7:606-613, 1987.
	C127	Katinka <i>et al.</i> , "Expression of Polyoma Early Functions in Mouse Embryonal Carcinoma Cells Depends on Sequence Rearrangements in the Beginning of the Late Region," <i>Cell</i> , 20:393-399, 1980.
	C128	Kawamoto <i>et al.</i> , "Identification of the Human Beta-Actin Enhancer and its Binding Factor," <i>Mol. Cell. Biol.</i> , 8:267-272, 1988.
	C129	Kiledjian <i>et al.</i> , "Identification and characterization of two functional domains within the murine heavy-chain enhancer," <i>Mol. Cell. Biol.</i> , 8:145-152, 1988.
	C130	Klages <i>et al.</i> , "A stable system for the high-titer production of multiply attenuated lentiviral vectors," <i>Mol. Ther.</i> 2:170-176, 2000.
	C131	Klamut <i>et al.</i> , "Molecular and Functional Analysis of the Muscle-Specific Promoter Region of the Duchenne Muscular Dystrophy Gene," <i>Mol. Cell. Biol.</i> , 10:193-205, 1990.

25377840.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C132	Klein <i>et al.</i> , "High-velocity microprojectiles for delivering nucleic acids into living cells," <i>Nature</i> , 327:70-73, 1987.
	C133	Koch <i>et al.</i> , "Anatomy of a new B-cell-specific enhancer," <i>Mol. Cell. Biol.</i> , 9:303-311, 1989.
	C134	Kotsopoulou <i>et al.</i> , "A Rev-independent human immunodeficiency virus type 1 (HIV-1)-based vector that exploits a codon-optimized HIV-1 gag-pol gene," <i>J. Virol.</i> , 74:4839-4852, 2000.
	C135	Kraus <i>et al.</i> , "Alternative promoter usage and tissue specific expression of the mouse somatostatin receptor 2 gene," <i>FEBS Lett.</i> , 428(3):165-170, 1998.
	C136	Kriegler and Botchan, "A retrovirus LTR contains a new type of eukaryotic regulatory element," In: <i>Eukaryotic Viral Vectors</i> , Gluzman (ed.), Cold Spring Harbor, Cold Spring Harbor Laboratory, NY, 171-180, 1982.
	C137	Kriegler <i>et al.</i> , "A Novel Form of TNF/Cachectin Is a Cell-Surface Cytotoxic Transmembrane Protein: Ramifications for the Complex Physiology of TNF," <i>Cell</i> , 53:45-53, 1988.
	C138	Kriegler <i>et al.</i> , "Promoter substitution and enhancer augmentation increases the penetrance of the sv40 a gene to levels comparable to that of the harvey murine sarcoma virus ras gene in morphologic transformation," In: <i>Gene Expression</i> , Alan Liss (Ed.), Hamer and Rosenberg, New York, 107-124, 1983.
	C139	Kriegler <i>et al.</i> , "Viral Integration and Early Gene Expression Both Affect the Efficiency of SV40 Transformation of Murine Cells: Biochemical and Biological Characterization of an SV40 Retrovirus," In: <i>Cancer Cells 2/Oncogenes and Viral Genes</i> , Van de Woude <i>et al.</i> (eds), Cold Spring Harbor, Cold Spring Harbor Laboratory, 345-353, 1984.
	C140	Kuhl <i>et al.</i> , "Reversible Silencing of Enhancers by Sequences Derived From the Human IFN-alpha Promoter," <i>Cell</i> , 50:1057-1069, 1987.
	C141	Kunz <i>et al.</i> , "Identification of the Promoter Sequences Involved in the Interleukin-6-Dependent Expression of the Rat Alpha-2-Macroglobulin Gene," <i>Nucl. Acids Res.</i> , 17:1121-1138, 1989.
	C142	Lareyre <i>et al.</i> , "A 5-kilobase pair promoter fragment of the murine epididymal retinoic acid-binding protein gene drives the tissue-specific, cell-specific, and androgen-regulated expression of a foreign gene in the epididymis of transgenic mice," <i>J Biol Chem.</i> , 274(12):8282-8290, 1999.
	C143	Larsen <i>et al.</i> , "Repression mediates cell-type-specific expression of the rat growth hormone gene," <i>Proc Natl. Acad. Sci. USA.</i> , 83:8283-8287, 1986.

25377840.1

EXAMINER:

DATE CONSIDERED:

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C144	Laspia <i>et al.</i> , "HIV-1 Tat protein increases transcriptional initiation and stabilizes elongation," <i>Cell</i> , 59:283-292, 1989.
	C145	Latimer <i>et al.</i> , "Highly conserved upstream regions of the alpha <sub>1</sub> -antitrypsin gene in two mouse species govern liver-specific expression by different mechanisms," <i>Mol. Cell. Biol.</i> , 10:760-769, 1990.
	C146	Lee <i>et al.</i> , "Glucocorticoids Regulate Expression of Dihydrofolate Reductase cDNA in Mouse Mammary Tumor Virus Chimaeric Plasmids," <i>Nature</i> , 294:228-232, 1981.
	C147	Lee <i>et al.</i> , "Activation of beta3-adrenoceptors by exogenous dopamine to lower glucose uptake into rat adipocytes," <i>J Auton Nerv Syst.</i> 74(2-3):86-90, 1997.
	C148	Levinson <i>et al.</i> , "Activation of SV40 Genome by 72-Base-Pair Tandem Repeats of Moloney Sarcoma Virus," <i>Nature</i> , 295:568-572, 1982.
	C149	Lin <i>et al.</i> , "Delineation of an enhancerlike positive regulatory element in the interleukin-2 receptor .alpha.-chain gene," <i>Mol. Cell. Biol.</i> , 10:850-853, 1990
	C150	Loubiere <i>et al.</i> , "The equine herpes virus 4 thymidine kinase is a better suicide gene than the human herpes virus 1 thymidine kinase," <i>Gene Ther.</i> 6(9):1638-1642, 1999.
	C151	Luo and Skalnik, "CCAAT displacement protein competes with multiple transcriptional activators for binding to four sites in the proximal gp91 <sup>phox</sup> promoter," <i>J. Biol. Chem.</i> , 271:18203-18210, 1996.
	C152	Luo and Skalnik, "Interferon regulatory factor-2 directs transcription from the gp91 <sup>phox</sup> promoter," <i>J. Biol. Chem.</i> , 271:2345-2351, 1996.
	C153	Luria <i>et al.</i> , "Promoter Enhancer Elements in the Rearranged Alpha-Chain Gene of the Human T-Cell Receptor," <i>EMBO J.</i> , 6:3307-3312, 1987.
	C154	Lusky and Botchan, "Transient Replication of Bovine Papilloma Virus Type 1 Plasmids: cis and trans Requirements," <i>Proc Natl. Acad. Sci. U.S.A.</i> , 83:3609-3613, 1986.
	C155	Lusky <i>et al.</i> , "Bovine Papilloma Virus Contains an Activator of Gene Expression at the Distal End of the Early Transcription Unit," <i>Mol. Cell. Biol.</i> 3:1108-1122, 1983.
	C156	Majors and Varmus, "A Small Region of the Mouse Mammary Tumor Virus Long Terminal Repeat Confers Glucocorticoid Hormone Regulation on a Linked Heterologous Gene," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 80:5866-5870, 1983.

25377840.1

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C157	Malik <i>et al.</i> , "Retroviral-mediated gene expression in human myelomonocytic a comparison of hematopoietic cell promoters to viral promote," <i>Blood</i> , 86:2993-3005, 1995.
	C158	Mangeot <i>et al.</i> , "Development of minimal lentivirus derived from simian immunodeficiency virus (SIVmac251) and their use for gene transfer into human dendritic cells," <i>Jour. Vir.</i> , 74:8307-8315, 2000.
	C159	McNeall <i>et al.</i> , "Hyperinducible Gene Expression From a Metallothionein Promoter Containing Additional Metal-Responsive Elements," <i>Gene</i> , 76:81-88, 1989.
	C160	Miksicek <i>et al.</i> , "Glucocorticoid Responsiveness of the Transcriptional Enhancer of Moloney Murine Sarcoma Virus," <i>Cell</i> , 46:283-290, 1986.
	C161	Mordacq and Linzer, "Co-localization of Elements Required for Phorbol Ester Stimulation and Glucocorticoid Repression of Proliferin Gene Expression," <i>Genes and Dev.</i> , 3:760-769, 1989.
	C162	Moreau <i>et al.</i> , "The SV40 base-repair repeat has a striking effect on gene expression both in sv40 and other chimeric recombinants," <i>Nucl. Acids Res.</i> , 9:6047-6068, 1981.
	C163	Muesing <i>et al.</i> , "Regulation of mRNA accumulation by a human immunodeficiency virus trans-activator protein," <i>Cell</i> , 48:691-701, 1987.
	C164	Ng <i>et al.</i> , "Regulation of the Human Beta-Actin Promoter by Upstream and Intron Domains," <i>Nuc. Acids Res.</i> , 17:601-615, 1989.
	C165	Nomoto <i>et al.</i> , "Cloning and characterization of the alternative promoter regions of the human LIMK2 gene responsible for alternative transcripts with tissue-specific expression," <i>Gene</i> , 236(2):259-271, 1999.
	C166	Ondek <i>et al.</i> , "Discrete Elements Within the SV40 Enhancer Region Display Different Cell-Specific Enhancer Activities," <i>EMBO J.</i> , 6:1017-1025, 1987.
	C167	Ornitz <i>et al.</i> , "Promoter and enhancer elements from the rat elastase i gene function independently of each other and of heterologous enhancers," <i>Mol. Cell. Biol.</i> 7:3466-3472, 1987.
	C168	Pahl <i>et al.</i> , "Characterization of the myeloid-specific CD11b promoter," <i>Blood</i> , 79:865-870, 1992.
	C169	Palmiter <i>et al.</i> , "Differential regulation of metallothionein-thymidine kinase fusion genes in transgenic mice and their offspring," <i>Cell</i> , 29:701-710, 1982.

25377840.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C170	Pech <i>et al.</i> , "Functional identification of regulatory elements within the promoter region of platelet-derived growth factor 2," <i>Mol. Cell. Biol.</i> , 9:396-405, 1989.
	C171	Perez-Stable and Constantini, "Roles of fetal Gγ-globin promoter elements and the adult β-globin 3' enhancer in the stage-specific expression of globin genes," <i>Mol. Cell. Biol.</i> , 10:1116-1125, 1990.
	C172	Picard and Schaffner, "A Lymphocyte-Specific Enhancer in the Mouse Immunoglobulin Kappa Gene," <i>Nature</i> , 307:80-82, 1984.
	C173	Pinkert <i>et al.</i> , "An albumin enhancer located 10 kb upstream functions along with its promoter to direct efficient, liver-specific expression in transgenic mice," <i>Genes and Dev.</i> , 1:268-276, 1987.
	C174	Ponta <i>et al.</i> , "Hormonal Response Region in the Mouse Mammary Tumor Virus Long Terminal Repeat Can Be Dissociated From the Proviral Promoter and Has Enhancer Properties," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 82:1020-1024, 1985.
	C175	Porton <i>et al.</i> , "Immunoglobulin heavy-chain enhancer is required to maintain transfected .gamma.2a gene expression in a pre-b-cell line," <i>Mol. Cell. Biol.</i> , 10:1076-1083, 1990.
	C176	Potter <i>et al.</i> , "Enhancer-dependent expression of human k immunoglobulin genes introduced into mouse pre-B lymphocytes by electroporation," <i>Proc Nat'l Acad. Sci. USA</i> , 81:7161-7165, 1984.
	C177	Queen and Baltimore, "Immunoglobulin Gene Transcription is Activated by Downstream Sequence Elements," <i>Cell</i> , 35:741-748, 1983.
	C178	Quinn <i>et al.</i> , "Multiple components are required for sequence recognition of the ap1 site in the gibbon ape leukemia virus enhancer," <i>Mol. Cell. Biol.</i> , 9:4713-4721, 1989.
	C179	Redondo <i>et al.</i> , "A T-Cell-Specific Transcriptional Enhancer Within the Human T-Cell Receptor .delta. Locus," <i>Science</i> , 247:1225-1229, 1990.
	C180	Reisman and Rotter, "Induced Expression From the Moloney Murine Leukemia Virus Long Terminal Repeat During Differentiation of Human Myeloid Cells is Mediated Through its Transcriptional Enhancer," <i>Mol. Cell. Biol.</i> , 9:3571-3575, 1989.
	C181	Remington's Pharmaceutical Sciences, 15 <sup>th</sup> Ed., pages 1035-1038 and 1570-1580.

25377840.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C182	Resendez Jr., <i>et al.</i> , "Identification of highly conserved regulatory domains and protein-binding sites in the promoters of the rat and human genes encoding the stress-inducible 78-kilodalton glucose-regulated protein," <i>Mol. Cell. Biol.</i> , 8:4579-4584, 1988.
	C183	Rippe <i>et al.</i> , "DNA-mediated gene transfer into adult rat hepatocytes in primary culture," <i>Mol. Cell Biol.</i> , 10:689-695, 1990.
	C184	Rippe <i>et al.</i> , "Regulatory elements in the 5' flanking region and the first intron contribute to transcriptional control of the mouse alpha-1-type collagen gene," <i>Mol. Cell. Biol.</i> , 9:2224-2227, 1989.
	C185	Rittling <i>et al.</i> , "AP-1/jun-binding Sites Mediate Serum Inducibility of the Human Vimentin Promoter," <i>Nuc. Acids Res.</i> , 17:1619-1633, 1989.
	C186	Rosen <i>et al.</i> , "The location of cis-acting regulatory sequences in the human t-cell lymphotropic virus type III (HTLV-111/LAV) long terminal repeat," <i>Cell</i> , 41:813-823, 1985.
	C187	Sakai <i>et al.</i> , "Hormone-Mediated Repression: A Negative Glucocorticoid-Response Element From the Bovine Prolactin Gene," <i>Genes and Dev.</i> , 2:1144-1154, 1988.
	C188	Salmon <i>et al.</i> , "High-level transgene expression in human hematopoietic progenitors and differentia lineages after transduction with improved lentiviral vectors," <i>Blood</i> , 96:3392-3398, 2000.
	C189	Sambrook <i>et al.</i> , <i>In: Molecular Cloning: A Laboratory Manual 2 rev.ed.</i> , Cold Spring Harbor, Cold Spring Harbor Laboratory Press, 17.29-17.31, 1.77, 1989.
	C190	Satake <i>et al.</i> , "Biological activities of oligonucleotides spanning the f9 point mutation within the enhancer region of polyoma virus DNA," <i>J. Virology</i> , 62:970-977, 1988.
	C191	Schaffner <i>et al.</i> , "Redundancy of Information in Enhancers as a Principle of Mammalian Transcription Control," <i>J. Mol. Biol.</i> , 201:81-90, 1988.
	C192	Schmid <i>et al.</i> , "A rapid method for measuring apoptosis and dual-color immunofluorescence by single laser flow cytometry," <i>J. Immunol. Methods</i> , 170:145-157, 1994.
	C193	Searle <i>et al.</i> , "Building a metal-responsive promoter with synthetic regulatory elements," <i>Mol. Cell. Biol.</i> , 5:1480-1489, 1985.
	C194	Sharp and Marciniak, "HIV Tar: an RNA Enhancer?," <i>Cell</i> , 59:229-230, 1989.

25377840.1

EXAMINER:

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C195	Shaul and Ben-Levy, "Multiple Nuclear Proteins in Liver Cells are Bound to Hepatitis B Virus Enhancer Element and its Upstream Sequences," <i>EMBO J.</i> , 6:1913-1920, 1987.
	C196	Sherman <i>et al.</i> , "Class II Box Consensus Sequences in the HLA-DR.alpha. Gene: Transcriptional Function and Interaction with Nuclear Proteins," <i>Mol. Cell. Biol.</i> , 9:50-56, 1989.
	C197	Skalnik <i>et al.</i> , "CCAAT displacement protein as a receptor of the myelomonocytic-specific gp91-ph promoter," <i>J. Biol. Chem.</i> , 266:16736-16744, 1991.
	C198	Skalnik <i>et al.</i> , "Restriction of neuroblastoma to the prostate gland in transgenic mice," <i>Mol Cell Biol.</i> , 11:4518-4527, 1991.
	C199	Skalnik <i>et al.</i> , "Targeting of transgene expression to monocyte/macrophages by the gp91-phox promoter and consequent histiocytic malignancies," <i>Proc. Natl. Acad. Sci. USA</i> , 88:8505-8509, 1991.
	C200	Sleigh and Lockett, "SV40 Enhancer Activation During Retinoic-Acid-Induced Differentiation of F9 Embryonal Carcinoma Cells," <i>J. EMBO</i> , 4:3831-3837, 1985.
	C201	Spalholz <i>et al.</i> , "Transactivation of a Bovine Papilloma Virus Transcriptional Regulatory Element by the E2 Gene Product," <i>Cell</i> , 42:183-191, 1985.
	C202	Spandau and Lee, "Trans-Activation of Viral Enhancers by the Hepatitis B Virus X Protein," <i>J. Virology</i> , 62:427-434, 1988.
	C203	Spandidos and Wilkie, "Host-Specificities of Papilloma Virus, Moloney Murine Sarcoma Virus and Simian Virus 40 Enhancer Sequences," <i>EMBO J.</i> , 2:1193-1199, 1983.
	C204	Stephens and Hentschel, "The Bovine Papilloma Virus Genome and its Uses as a Eukaryotic Vector," <i>Biochem. J.</i> , 248:1-11, 1987.
	C205	Stuart <i>et al.</i> , "Identification of Multiple Metal Regulatory Elements in Mouse Metallothionein-I Promoter by Assaying Synthetic Sequences," <i>Nature</i> , 317:828-831, 1985.
	C206	Sullivan and Peterlin, "Transcriptional Enhancers in the HLA-DQ Subregion," <i>Mol. Cell. Biol.</i> , 7:3315-3319, 1987.
	C207	Swartzendruber and Lehman, "Neoplastic Differentiation: Interaction of Simian Virus 40 and Polyoma Virus with Murine Teratocarcinoma Cells," <i>J. Cell. Physiology</i> , 85:179-188, 1975.

25377840.1

EXAMINER:

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C208	Takebe <i>et al.</i> , "SR $\alpha$ Promoter: An Efficient and Versatile Mammalian cDNA Expression System Composed of the Simian Virus 40 Early Promoter and the R-U5 Segment of Human T-Cell Leukemia Virus Type 1 Long Terminal Repeat," <i>Mol. Cell. Biol.</i> , 8:466-472, 1988.
	C209	Tavernier <i>et al.</i> , "Deletion Mapping of the Inducible Promoter of Human IFN-beta Gene," <i>Nature</i> , 301:634-636, 1983.
	C210	Taylor and Kingston, "EIA Trans-Activation of Human HSP70 Gene Promoter Substitution Mutants is Independent of the Composition of Upstream and TATA Elements," <i>Mol. Cell. Biol.</i> , 10:176-183, 1990.
	C211	Taylor and Kingston, "Factor Substitution in a Human HSP70 Gene Promoter: TATA-Dependent and TATA-Independent Interactions," <i>Mol. Cell. Biol.</i> , 10:165-175, 1990.
	C212	Taylor <i>et al.</i> , "Stimulation of the Human Heat-Shock Protein 70 Promoter in vitro by Simian Virus 40 Large T Antigen," <i>J. Biol. Chem.</i> , 264:16160-16164, 1989.
	C213	Thiesen <i>et al.</i> , "A DNA Element Responsible for the Different Tissue Specificities of Friend and Moloney Retroviral Enhancers," <i>J. Virology</i> , 62:614-618, 1988.
	C214	Tronche <i>et al.</i> , "Anatomy of the Rat Albumin Promoter," <i>Mol. Biol. Med.</i> , 7:173-185, 1990.
	C215	Tronche <i>et al.</i> , "The Rat Albumin Promoter: Cooperation with Upstream Elements is Required When Binding of APF/HNF 1 to the Proximal Element is Partially Impaired by Mutation or Bacterial Methylation," <i>Mol. Cell. Biol.</i> , 9:4759-4766, 1989.
	C216	Trono, "Lentiviral vectors: turning a deadly foe into a therapeutic agent," <i>Gene Ther.</i> , 7: 20-23, 2000.
	C217	Trudel and Constantini, "A 3' Enhancer Contributes to the Stage-Specific Expression of the human Beta-Globin Gene," <i>Genes and Dev.</i> , 6:954-961, 1987.
	C218	Tsumaki <i>et al.</i> , "Modular arrangement of cartilage- and neural tissue-specific cis-elements in the mouse alpha2(XI) collagen promoter," <i>J Biol Chem.</i> , 273(36):22861-22864, 1998.
	C219	Tur-Kaspa <i>et al.</i> , "Use of electroporation to introduce biologically active foreign genes into primary rat hepatocytes," <i>Mol. Cell Biol.</i> , 6:716-718, 1986.
	C220	Tyndall <i>et al.</i> , "A Region of the Polyoma Virus Genome Between the Replication Origin and Late Protein-Coding Sequences is Required in cis for Both Early Gene Expression and Viral DNA Replication," <i>Nuc. Acids. Res.</i> , 9:6231-6250, 1981.

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List of Patents and Publications for Applicant's

Applicant

Didier Trono

Patrick Salmon

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Other Art

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C221	Unutmaz <i>et al.</i> , "Cytokine signals are sufficient for HIV-1 infection of resting human T lymphocytes," <i>J. Exp. Med.</i> , 189:1735-1746, 1999.
	C222	Vannice and Levinson, "Properties of the Human Hepatitis B Virus Enhancer: Position Effects and Cell-Type Nonspecificity," <i>J. Virology</i> , 62:1305-1313, 1988.
	C223	Vasseur <i>et al.</i> , "Isolation and Characterization of Polyoma Virus Mutants Able to Develop in Multipotential Murine Embryonal Carcinoma Cells," <i>Proc Natl. Acad. Sci. U.S.A.</i> , 77:1068-1072, 1980.
	C224	Wang and Calame, "SV40 enhancer-binding factors are required at the establishment but not the maintenance step of enhancer-dependent transcriptional activation," <i>Cell</i> , 47:241-247, 1986.
	C225	Watanabe <i>et al.</i> , "Gene transfection of mouse primordial germ cells in vitro and analysis of their survival and growth control, <i>Experimental Cell Research</i> , 230:76-83, 1997.
	C226	Weber <i>et al.</i> , "An SV40 'Enhancer Trap' Incorporates Exogenous Enhancers or Generates Enhancers From its Own Sequences," <i>Cell</i> , 36:983-992, 1984.
	C227	Weinberger <i>et al.</i> , "Localization of a Repressive Sequence Contributing to B-cell Specificity in the Immunoglobulin Heavy-Chain Enhancer," <i>Mol. Cell. Biol.</i> , 8:988-992, 1988.
	C228	Winoto and Baltimore, " $\alpha\beta$ -lineage-specific Expression of the $\alpha$ T-Cell Receptor Gene by Nearby Silencers," <i>Cell</i> , 59:649-655, 1989.
	C229	Wu <i>et al.</i> , "Development of a novel trans-lentiviral vector that affords predictable safety," <i>Mol. Ther.</i> 2:47-55, 2000.
	C230	Wu <i>et al.</i> , "Promoter-dependent tissue-specific expressive nature of imprinting gene, insulin-like growth factor II, in human tissues," <i>Biochem Biophys Res Commun.</i> 233(1):221-226, 1997.
	C231	Yang <i>et al.</i> , "In vivo and in vitro gene transfer to mammalian somatic cells by particle bombardment," <i>Proc Nat'l Acad Sci. USA</i> , 87:9568-9572, 1990.
	C232	Yutzey <i>et al.</i> , "An Internal Regulatory Element Controls Troponin I Gene Expression," <i>Mol. Cell. Biol.</i> , 9:1397-1405, 1989.
	C233	Zennou <i>et al.</i> , "The HIV-1 DNA flap stimulates HIV vector-mediated cell transduction in the brain," <i>Nature Biotechnology</i> , 19:446-450, 2001.
	C234	Zennou <i>et al.</i> , "HIV-1 genome nuclear import is mediated by a central DNA flap," <i>Cell</i> , 101:173-185, 2000.

25377840.1

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Other Art

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C235	Zufferey and Trono, Current Protocols in Neuroscience: unit 4.21: "High-titer production of lentiviral vectors," John Wiley & Sons, New York, 2000, table of contents and manuscript.

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